

Title (en)

SYSTEMS AND METHODS FOR MONITORING AND DETERMINING HEALTH OF A COMPONENT

Title (de)

SYSTEME UND VERFAHREN ZUR ÜBERWACHUNG UND BESTIMMUNG DES ZUSTANDS EINES BAUTEILS

Title (fr)

SYSTÈMES ET PROCÉDÉS DE SURVEILLANCE ET DE DÉTERMINATION DE L'ÉTAT D'UN COMPOSANT

Publication

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Application

EP 19214619 A 20191209

Priority

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Abstract (en)

[origin: EP3677975A1] A health monitoring system (100) includes at least one sensor (102). A health monitoring unit (HMU) (104) is operatively connected to the at least one sensor to receive data therefrom and to generate at least one status indicator (SI) based on the data from the at least one sensor. A computing device (107) is operatively connected to the HMU to receive data therefrom and is configured to generate a health notification when a quantity of the SI that are greater than or equal to a pre-determined SI threshold exceed a pre-determined peak count threshold. A method for monitoring and determining the health of a component includes collecting data during a sample cycle from at least one sensor to generate a numerical SI for a given component with a computing device. The method includes identifying if the numerical SI qualifies as a peak SI, which is greater or equal to a pre-determined SI threshold.

IPC 8 full level

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CPC (source: BR EP US)

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